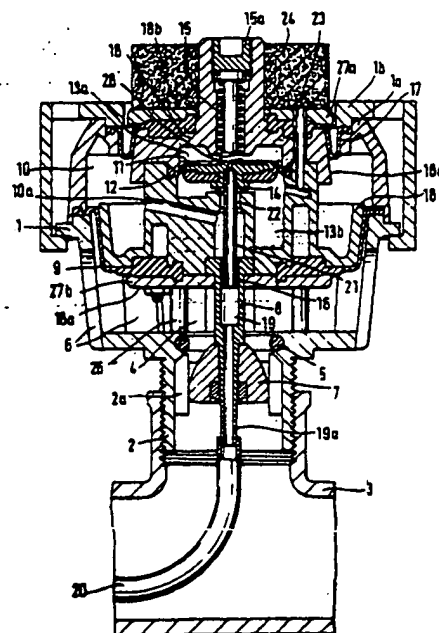


pipe (3), and including a main valve chamber (4) having a valve seat (5) on the side adjacent the said connecting piece and also containing air inlet openings (6) in its outer walls, and a main valve member (7) disposed on the side of the valve seat facing the said connecting piece and connected by a valve stem (8) to a first diaphragm (9) by which the main valve chamber is separated from a control chamber (10) capable of admitting a vacuum dependent on the vacuum prevailing in the vacuum pipe, wherein the position of the said main valve member in relation to the valve seat thereof is dependent on the vacuum in the control chamber, and an auxiliary valve disposed in the housing and influencing the vacuum in the control chamber, with an auxiliary valve member (11) connected to an auxiliary diaphragm (12) which separates two auxiliary chambers of which one auxiliary chamber (13a) is connectable to the vacuum pipe and a second auxiliary chamber (13b) is connectable to the atmosphere, and due to the pressure difference thus created, there results a force lifting the auxiliary valve member off an auxiliary valve seat (14) against the adjustable action of a coil spring (15), characterized in that the control chamber is closed on the side facing away from the main valve chamber by a second diaphragm adjacent to the outside, wherein both said first and second diaphragms are connected respectively to the housing



and to a movable supporting piece (18) on which is disposed the valve stem of the main valve and which has active surfaces (18a, 18b) of different sizes facing towards the interior of the main valve chamber and towards the outside, wherein the auxiliary valve is disposed in the supporting piece, and the control chamber and the first auxiliary chamber are connectable by a channel (19) passing through the supporting piece, the valve stem and the main valve member, to a vacuum pipe. (22 pp)

[11] [21] 59339

[54] METHOD FOR THE PERFORMANCE OF ENZYMIC REACTIONS AND REACTORS THEREFOR

שיטה לביצוע תגובות אנזימטיות וכוורים עבורה

[22] 8.2.1980

[51] Int. Cl.³ C12N 11/12; C12M 1/40

[71] Research Products Rehovot Ltd., Rehovot

[72] S. Simon

[74] Wolff, Bregman and Goller,
P.O.B. 1352, Jerusalem

מוצרי מחקר רחובות בע"מ, רחובות
ש. סימון
וולף, ברגמן וגולר,
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[57] A method for the performance of

enzymatic reactions which comprises

applying pressure to an aqueous solution of a substrate, which substrate may be chemically altered by way of an enzymatic reaction, causing thereby the solution to flow under the pressure differential through a cross-linked enzyme filter medium, wherein said filter medium is a microporous cellulose depth filter, having pore sizes in the range of about 0.1 to about 2.0 microns and con-

taining an inorganic filter aid dispersed therein, in the pores of which depth filter the enzyme molecules of an enzyme capable of bringing about said chemical alteration in said substrate have been cross-linked to each other by means of a bifunctional coupling agent to form a substantially stable three-dimensional enzyme network within said pores. (20 pp)

[11] [21] 59358

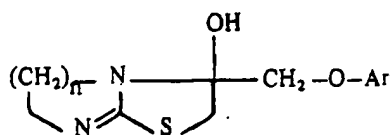
- [54] HYDROXYTETRAHYDRO (PHENOXYMETHYL)-IMIDAZOTHIAZOLE AND THIAZOLOPYRIMIDINE DERIVATIVES, THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

תולדות של הידרוקסיטטראהידרו (פנוקסימתיל) - אימידאזותיאזול ותיאזולופירימידין, הכנתן ותכשירי רוקחת המכילים אותן

- [22] 11.2.1980
[31] 7903431 [32] 12.2.1979 [33] France
[51] Int. Cl.³ C07D 513/04; A61K 31/425
[71] Synthelabo, Paris, France
[74] Dr. Reinhold Cohn and Partners,
P.O.B. 4060, Tel Aviv

ד"ר ריינהולד כהן ושותפיו,
ח.ר. 4060, תל-אביב

- [57] Antidepressant thiazole derivatives, in the form of racemates or optically active isomers, of the formula



in which n is 1 or 2 and Ar represents a phenyl radical unsubstituted or substituted by one to three substituents selected from halogen atoms and straight or branched chain C₁-C₄ alkyl radicals, or Ar represents a phenyl radical substituted by one radical CF₃, one C₃-C₆ cycloalkyl radical or by one phenyl radical, and their pharmaceutically acceptable acid addition salts. (12 pp)